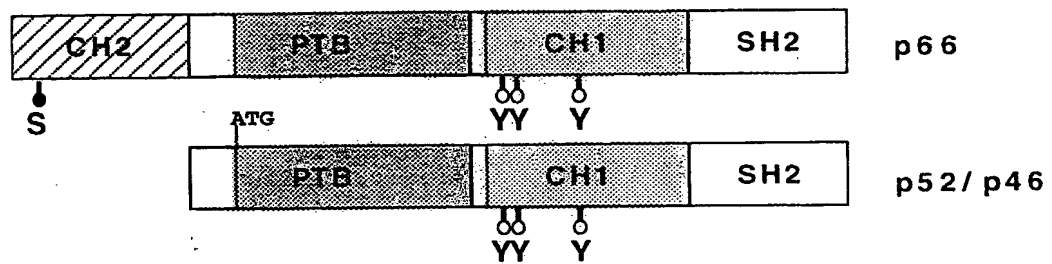


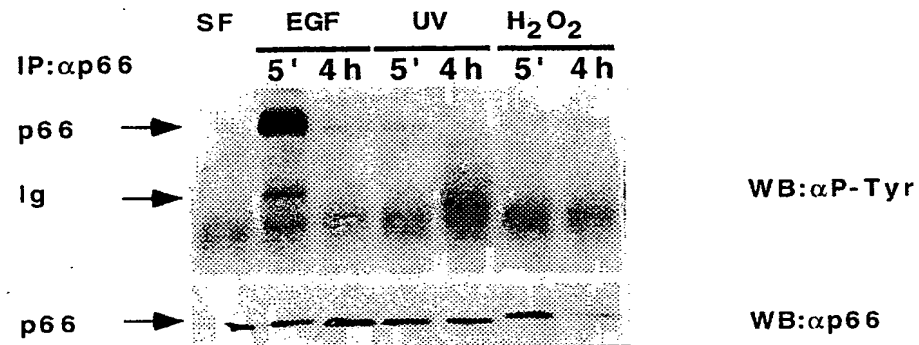
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Figure 1

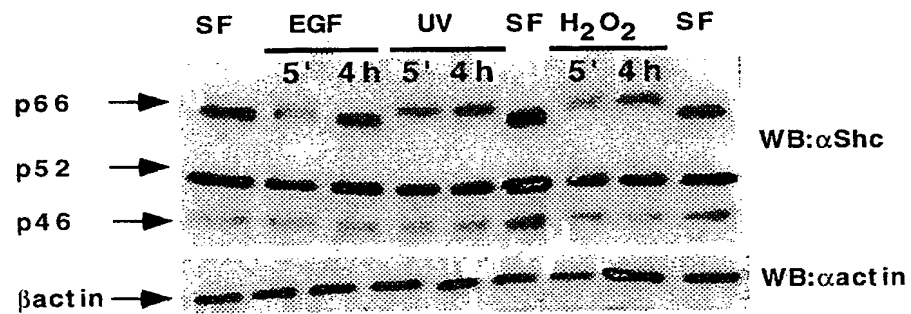
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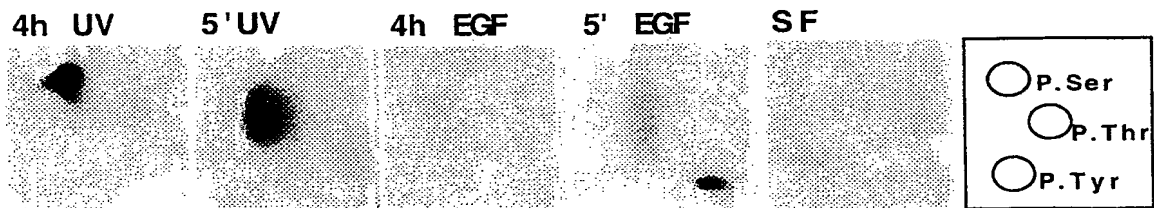
B



C



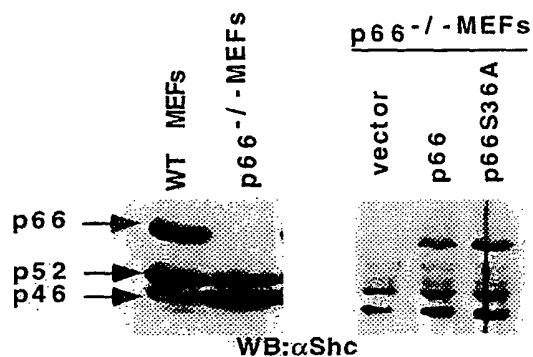
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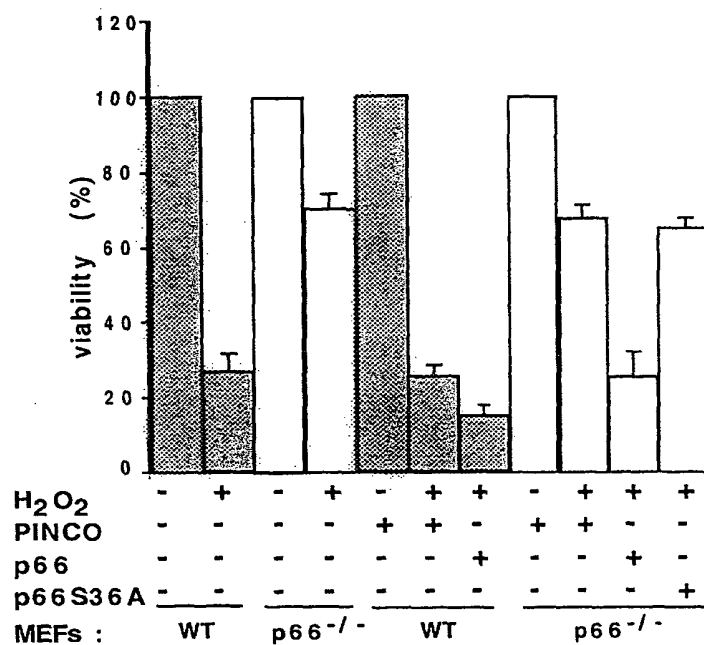
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Figure 2

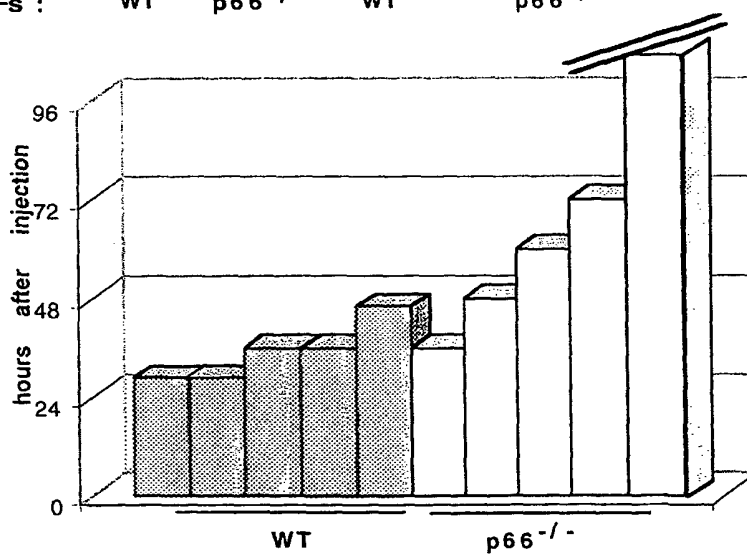
A



B

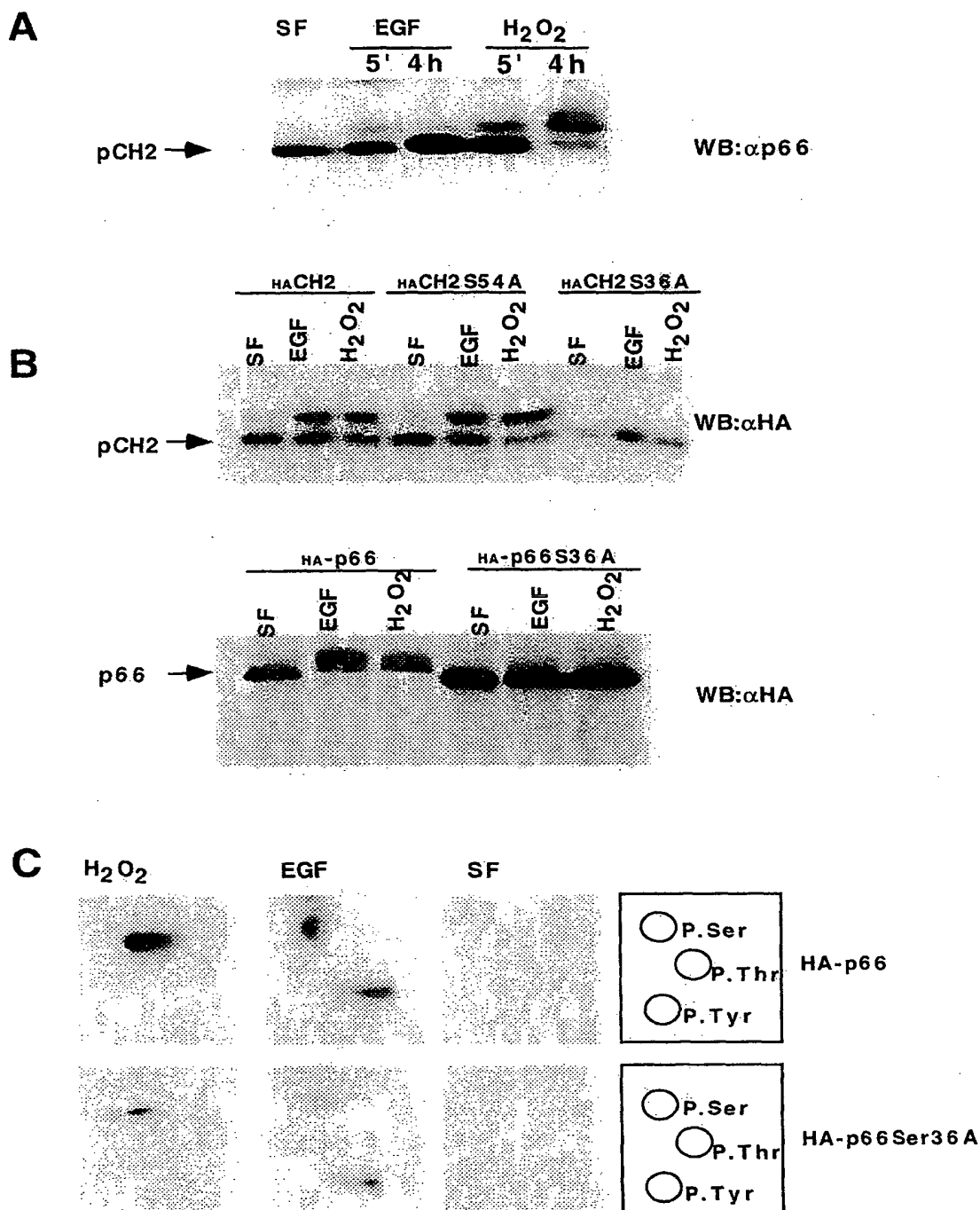


C



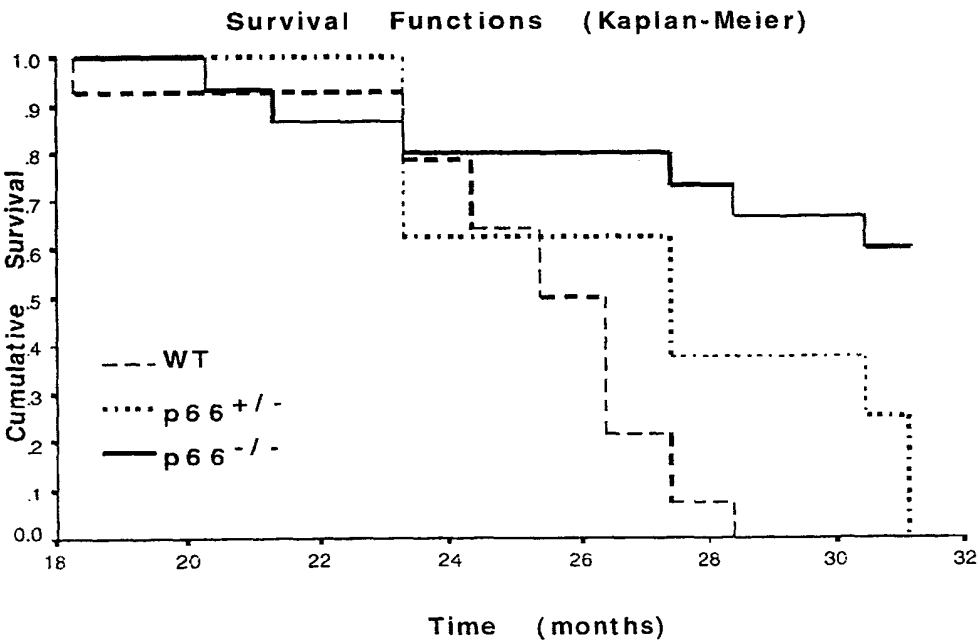
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Figure 3



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Figure 4



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Figure 5a

10	20	30	40	50	60
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70	80	90	100	110	120
ccccaggact	tctgtgactc	ctggggccaca	gaggtccaac	cagggtaagg	gcctggggat
130	140	150	160	170	180
acccctgcc	tggccccctt	gccccaaactg	gcaggggggc	caggctgggc	agcagccccct
190	200	210	220	230	240
ctttcacctc	aactATGGAT	CTCCTGCCCC	CCAAGCCCAA	GTACAATCCA	CTCCGGAATG
250	260	270	280	290	300
AGTCTCTGTC	ATCGCTGGAG	GAAGGGGCTT	CTGGGTCCAC	CCCCCGGAG	GAGCTGCCTT
310	320	330	340	350	360
CCCCATCAGC	TTCATCCCTG	GGGCCCATCC	TGCTCTCTCT	GCCTGGGGAC	GATAGTCCCA
370	380	390	400	410	420
CTACCCCTGTG	CTCCTTCTTC	CCCCGGATGA	GCAACCTGAG	GCTGGCCAAC	CCGGCTGGGG
430	440	450	460	470	480
GGCGCCAGG	GTCTAAGGGG	GAGCCAGGAA	GGGCAGCTGA	TGATGGGGAG	GGGATCGATG
490	500	510	520	530	540
GGGCAGCCAT	GCCAGAGTCA	GGCCCCCTAC	CCCTCTCCA	GGACATGAAC	AAGCTGAGTG
550	560	570	580	590	600
GAGGCGGCGG	GCGCAGGACT	CGGGTGGAAG	GGGGCCAGCT	TGGGGGCGAG	GAGTGGACCC
610	620	630	640	650	660
GCCACGGGAG	CTTTGTCAAT	AAGCCCAAGC	GGGGCTGGCT	GCATCCCAAC	GACAAAGTCA
670	680	690	700	710	720
TGGGACCCGG	GGTTTCCTAC	TTGGTTCTGGT	ACATGGGTTG	TGTGGAGGTC	CTCCAGTCAA
730	740	750	760	770	780
TGCGTGCCCT	GGACTTCAAC	ACCCGGACTC	AGGTCAACCAG	GGAGGCCATC	AGTCTGGTGT
790	800	810	820	830	840
GTGAGGCTGT	GCCGGGTGCT	AAGGGGGCGA	CAAGGAGGAG	AAAGCCCTGT	AGCCGCCCCG
850	860	870	880	890	900
TCAGCTCTAT	CCTGGGGAGG	AGTAACCTGA	AATTTGCTGG	AATGCCAATC	ACTCTCACCG
910	920	930	940	950	960
TCTCCACCAG	CAGCCTCAAC	CTCATGGCCG	CAGACTGCAA	ACAGATCATC	GCCAACCACC
970	980	990	1000	1010	1020
ACATGCAATC	TATCTCATTT	GCATCCGGCG	GGGATCCGGA	CACAGCCGAG	TATGTGCGCT
1030	1040	1050	1060	1070	1080
ATGTTGCCAA	AGACCCTGTG	AATCAGAGAG	CCTGCCACAT	TCTGGAGTGT	CCCGAAGGGC
1090	1100	1110	1120	1130	1140
TTGCCCAGGA	TGTCATCAGC	ACCATTTGGCC	AGGCCTTCGA	GTTGCGCTTC	AAACAATACC
1150	1160	1170	1180	1190	1200
TCAGGAACCC	ACCCAAACTG	GTCAACCCCTC	ATGACAGGAT	GGCTGGCTTT	GATGGCTCAG
1210	1220	1230	1240	1250	1260
CATGGGATGA	GGAGGAGGAA	GAGCCACCTG	ACCATCAGTA	CTATAATGAC	TTCCCGGGGA
1270	1280	1290	1300	1310	1320
AGGAACCCCC	CTTGGGGGGG	GTGGTAGACA	TGAGGCTTCG	GGAAGGAGCC	GCTCCAGGGG
1330	1340	1350	1360	1370	1380
CTGCTCGACC	CACTGCACCC	AATGCCCAGA	CCCCAGCCA	CTTGGGAGCT	ACATTGCCTG

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Figure 5a c ntinued

1390	1400	1410	1420	1430	1440
TAGGACAGCC	TGTTGGGGGA	GATCCAGAAG	TCCGCAAACA	GATGCCACCT	CCACCACCT
1450	1460	1470	1480	1490	1500
GTCCAGGCAG	AGAGCTTTTT	GATGATCCCT	CCTATGTCAA	CGTCCAGAAC	CTAGACAAGG
1510	1520	1530	1540	1550	1560
CCCGGCAAGC	AGTGGGTGGT	GCTGGGCCCC	CCAATCCTGC	TATCAATGGC	AGTGCACCCC
1570	1580	1590	1600	1610	1620
GGGACCTGTT	TGACATGAAG	CCCTTCGAAG	ATGCTCTTCG	GGTGCCTCCA	CCTCCCCAGT
1630	1640	1650	1660	1670	1680
CGGTGTCCAT	GGCTGAGCAG	CTCCGAGGGG	AGCCCTGGTT	CCATGGGAAG	CTGAGCCGGC
1690	1700	1710	1720	1730	1740
GGGAGGCTGA	GGCACTGCTG	CAGCTCAATG	GGGACTTCTT	GGTACGGGAG	AGCACGACCA
1750	1760	1770	1780	1790	1800
CACCTGGCCA	GTATGTGCTC	ACTGGCTTGC	AGAGTGGGCA	GCCTAAGCAT	TTGCTACTGG
1810	1820	1830	1840	1850	1860
TGGACCTTGA	GGGTGTGGTT	CGGACTAAGG	ATCACCGCTT	TGAAAGTGTC	AGTCACCTTA
1870	1880	1890	1900	1910	1920
TCAGCTACCA	CATGGACAAT	CACTTGCCCCA	TCATCTCTGC	GGGCAGCGAA	CTGTGTCTAC
1930	1940	1950	1960	1970	1980
AGCAACCTGT	GGAGCGGAAA	CTGtgatctg	ccctagcgct	ctcttccaga	agatgccttc
1990	2000	2010	2020	2030	2040
caatectttc	caccctattc	cctaactctc	gggacctcgt	ttgggagtgt	tctgtgggct
2050	2060	2070	2080	2090	2100
tggccttggt	tcagagctgg	gagtagcatg	gactctgggt	ttcatatcca	gctgagtgag
2110	2120	2130	2140	2150	2160
agggtttgag	tcaaaagcct	gggtgagaa	cctgcctctc	cccaaacatt	aatcaccaaa
2170	2180	2190	2200	2210	2220
gtattaatgt	acagagtggc	ccctcacctg	ggcctttcct	gtgccaacct	gatgcccctt
2230	2240	2250	2260	2270	2280
ccccaagaag	gtgagtgtt	gtcatggaaa	atgtcctgtg	gtgacaggcc	cagtggaaaca
2290	2300	2310	2320	2330	2340
gtcacccctc	tgggcaaggg	ggaacaaatc	acacctctgg	gcttcagggt	atcccagacc
2350	2360	2370	2380	2390	2400
cctctcaaca	cccgccccc	ccatgtttaa	actttgtgcc	tttgaccatc	tcttaggtct
2410	2420	2430	2440	2450	2460
aatgatattt	tatgcaaaca	gttcttggac	ccctgaattc	ttcaatgaca	gggatgccaa
2470	2480	2490	2500	2510	2520
caccttcttg	gcttctggga	cctgtgttct	tgctgagcac	cctctccggt	ttgggttggg
2530	2540	2550	2560	2570	2580
ataacagagg	caggagtggc	agctgtcccc	tctccctggg	gatatgcaac	ccttagagat
2590	2600	2610	2620	2630	2640
tgccccagag	ccccactccc	ggccaggcgg	gagatggacc	cctcccttgc	tcagtgcctc
2650	2660	2670	2680	2690	2700
ctggccgggg	cccctcacc	caaggggtct	gtatatacat	ttcataaggc	ctgccctccc
2710	2720	2730	2740	2750	2760

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Figure 5a c ntinued

atgttgcatg	cctatgtact	ctgcgcctaaa	gtgcagccct	tcctcctgaa	gcctctgccc
2770	2780	2790	2800	2810	2820
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2830	2840	2850	2860	2870	2880
actctcccag	gtggattttg	tggaggtgag	aaaaggggca	ttgagactat	aaagcagtag
2890	2900	2910	2920	2930	2940
acaatcccca	cataccatct	gtagagttgg	aactgcattc	ttttaaaagt	ttatatgcat
2950	2960	2970	2980	2990	3000
atatttttagg	gctgctagac	ttacttttct	atcttctttt	ccattgctta	ttcttgagca
3010	3020	3030	3040	3050	3060
caaaatgata	atcaattatt	acatttatac	atcacctttt	tgacttttcc	aagccctttt
3070	3080	3090	3100	3110	3120
acagctcttg	gcatttttct	cgcctaggcc	tgtgaggtaa	ctgggatcgc	accttttata
3130	3140	3150	3160	3170	3180
ccagagacct	gaggcagatg	aaatttattt	ccatctagga	ctagaaaaac	ttgggtctct
3190	3200	3210	3220	3230	3240
taccgcgaga	ctgagaggca	gaagtcagcc	cgaatgcctg	tcagtttcat	ggaggggaaa
3250	3260	3270	3280	3290	3300
cgcaaaacct	gcagttcctg	agtaccttct	acaggcccgg	cccagcctag	gcccgggggtg
3310	3320	3330	3340	3350	3360
gccacaccac	agcaagccgg	ccccccctct	tttggccttg	tgataaagg	agagttgacc
3370	3380	3390	3400	3410	3420
gttttcatcc	tggcctcctt	ttgctgtttg	gatgtttcca	cggtgtctac	ttataccaaa
3430	3440	3450	3460	3470	3480
gggaaaactc	ttcattaaag	tccgtatttc	ttctaaaaaa	aaaaaaaaaa	aaatacattt
3490	3500	3510	3520	3530	3540
atacatcacc	tttttgactt	ttccaagccc	ttttacagct	cttggcattt	tcctcgccta
3550	3560	3570	3580	3590	3600
ggcctgtgag	gtaactggga	tcgcaccttt	tataccagag	acctgaggca	gatgaaattt
3610	3620	3630	3640	3650	3660
atttccatct	aggactagaa	aaacttgggt	ctcttaccgc	gagactgaga	ggcagaagtc
3670	3680	3690	3700	3710	3720
agcc.....

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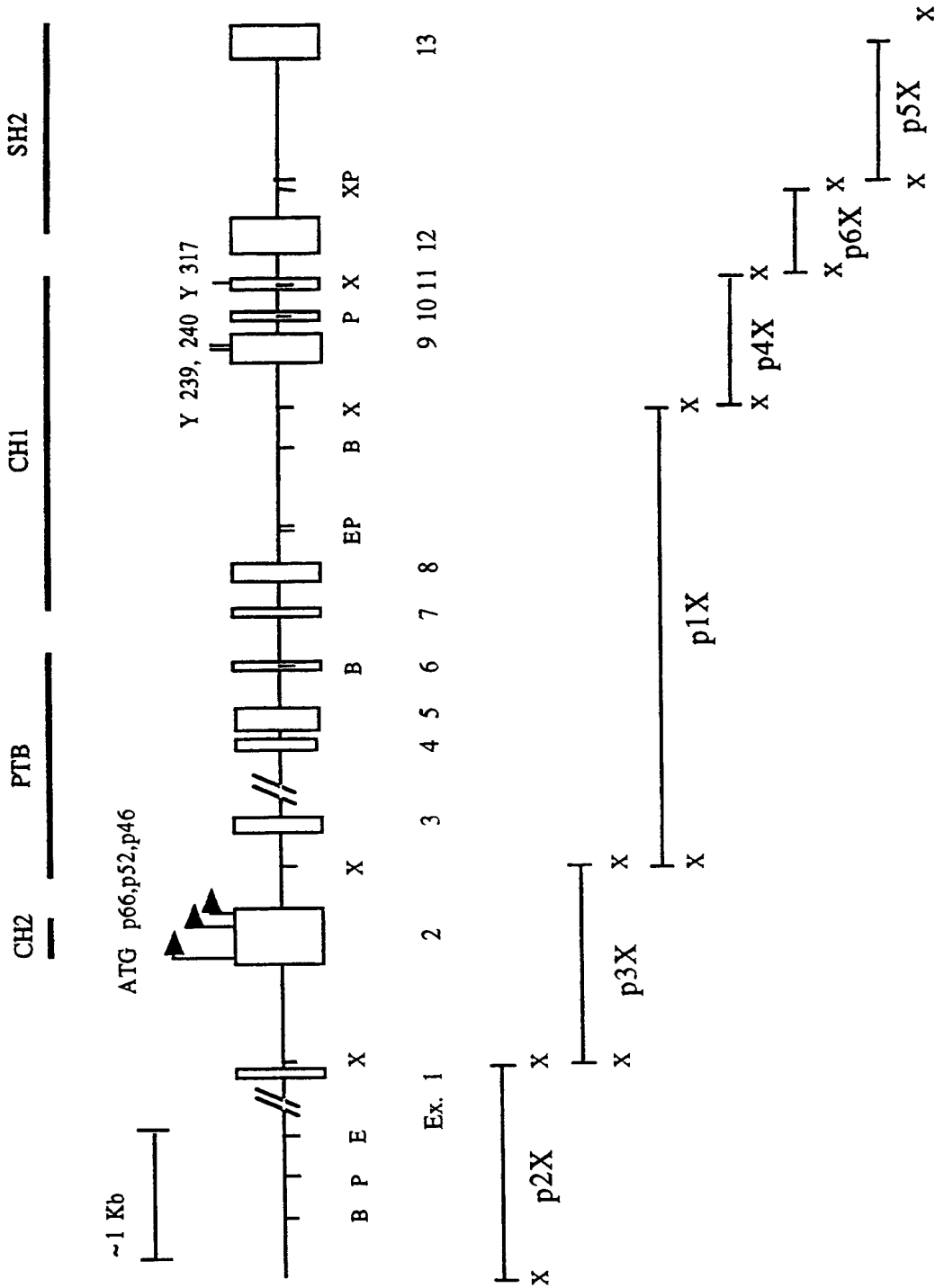
Figure 5b

10	20	30	40	50	60
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70	80	90	100	110	120
FFPRMSNLRL	ANPAGGRP	KGEPGRAADD	GEGIDGAAMP	ESGPLPLLQD	MNKLSGGGGR
130	140	150	160	170	180
RTRVEGGQLG	GEEWTRHGSF	VNKPTRGWLH	PNDKVMGPGV	SYLVRYMGCV	EVLQSMRALD
190	200	210	220	230	240
FNTRTQVTRE	AISLVCEAVP	GAKGATRRRK	PCSRPLSSIL	GRSNLKFAGM	PITLTVSTSS
250	260	270	280	290	300
LNLMAADCKQ	IIANHHMQSI	SFASGGDPDT	AEYVAYVAKD	PVNQRACHIL	ECPEGLAQDV
310	320	330	340	350	360
ISTIGQAFEL	RFKQYLRNPP	KLVTPHDRMA	GFDGSAWDEE	EEEEPDHQYY	NDFPGKEPPL
370	380	390	400	410	420
GGVVDMLRE	GAAPGAARPT	APNAQTPSHL	GATLPVGQPV	GGDPEVRKQM	PPPPPCPGRE
430	440	450	460	470	480
LFDDPSYVNV	QNLDKARQAV	GGAGPPNPAI	NGSAPRDLFD	MKPFEDALRV	PPPPQSVSMA
490	500	510	520	530	540
EQLRGEPWFH	GKLSRREAFA	LLQLNGDFLV	RESTITPGQY	VLTGLQSGQP	KHLLLVDP
550	560	570	580		
VVRTKDHFE	SVSHLISYHM	DNHLPISAG	SELCLQQPVE	RKL*	

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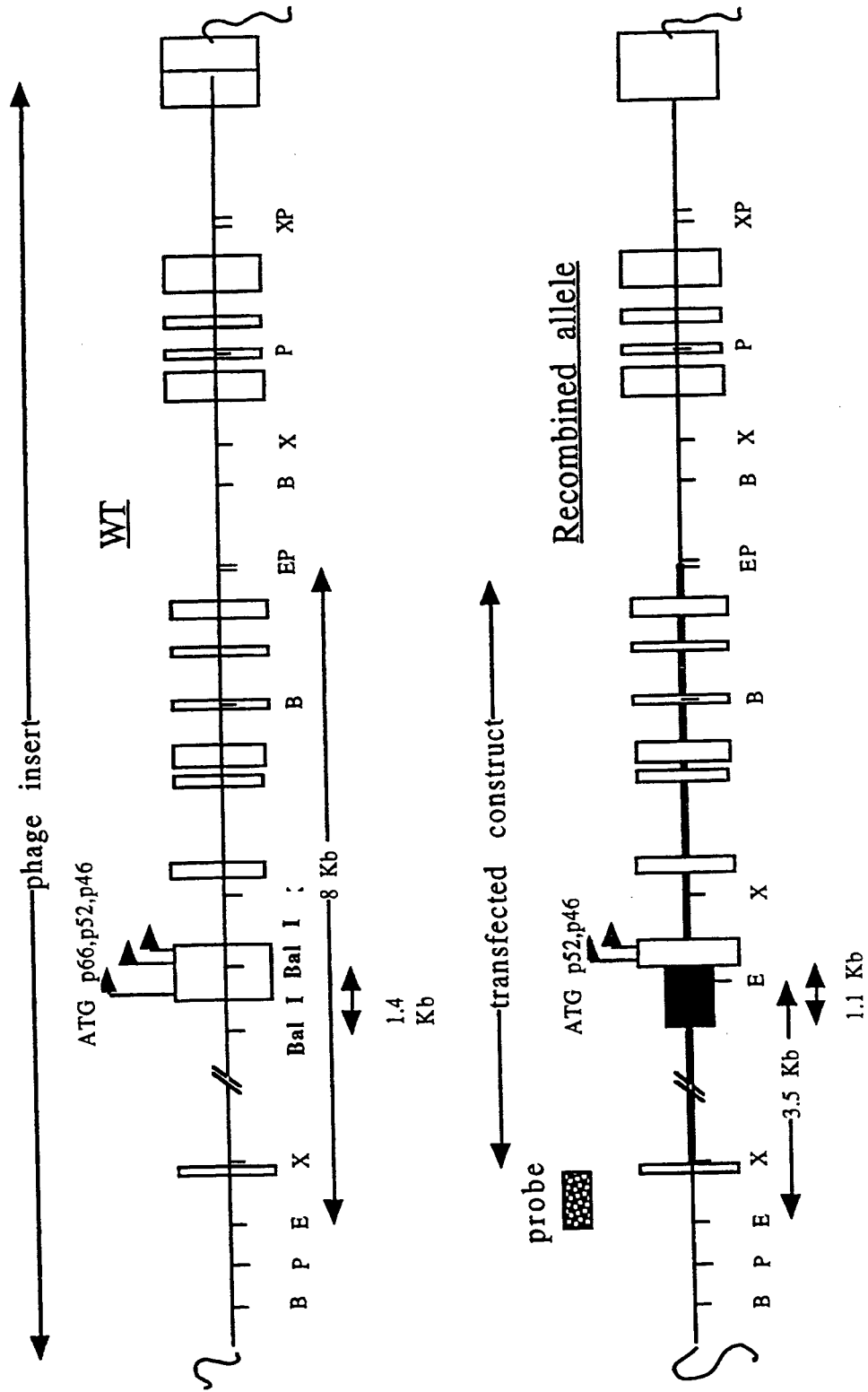
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Figure 6



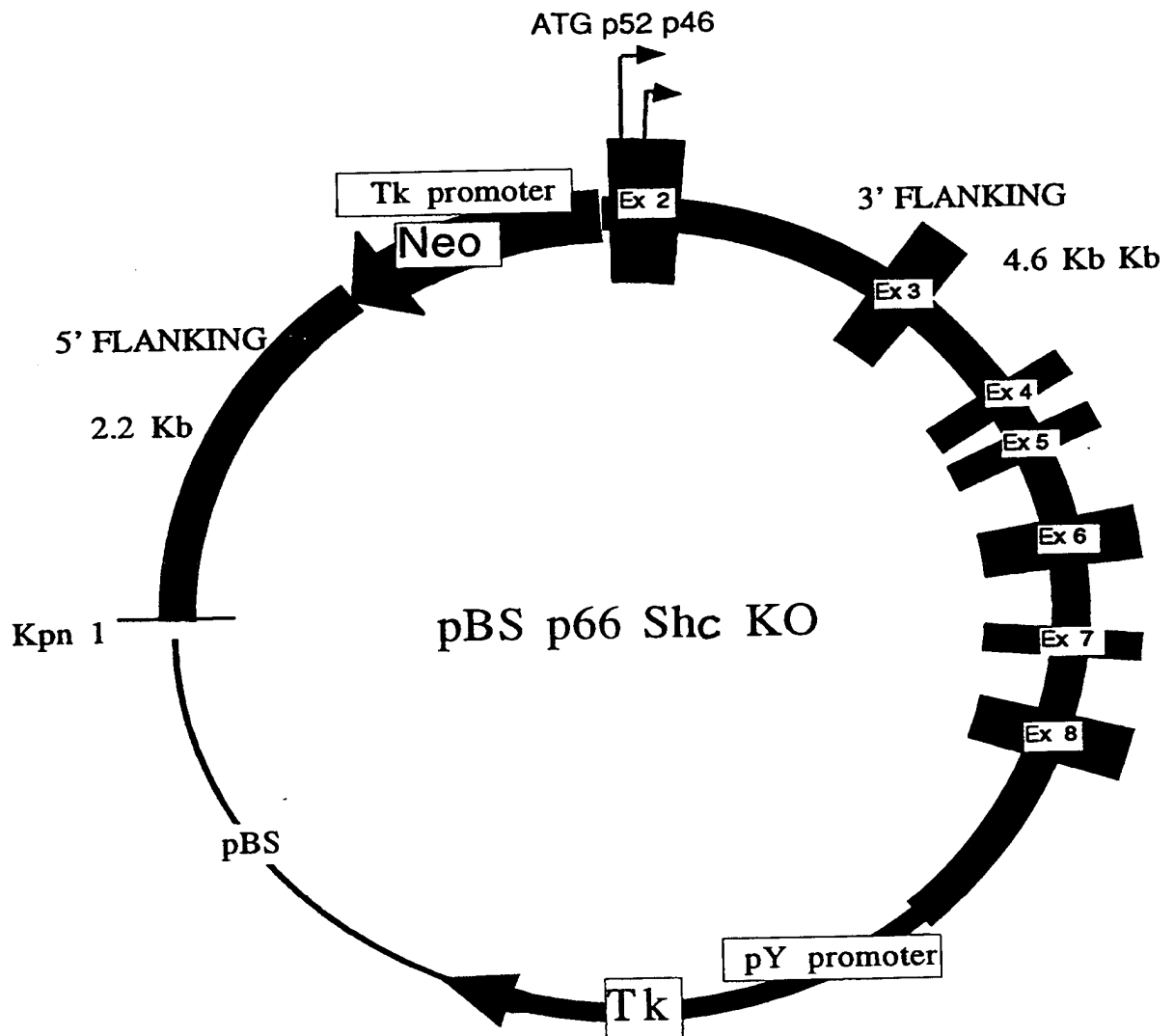
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Figure 7

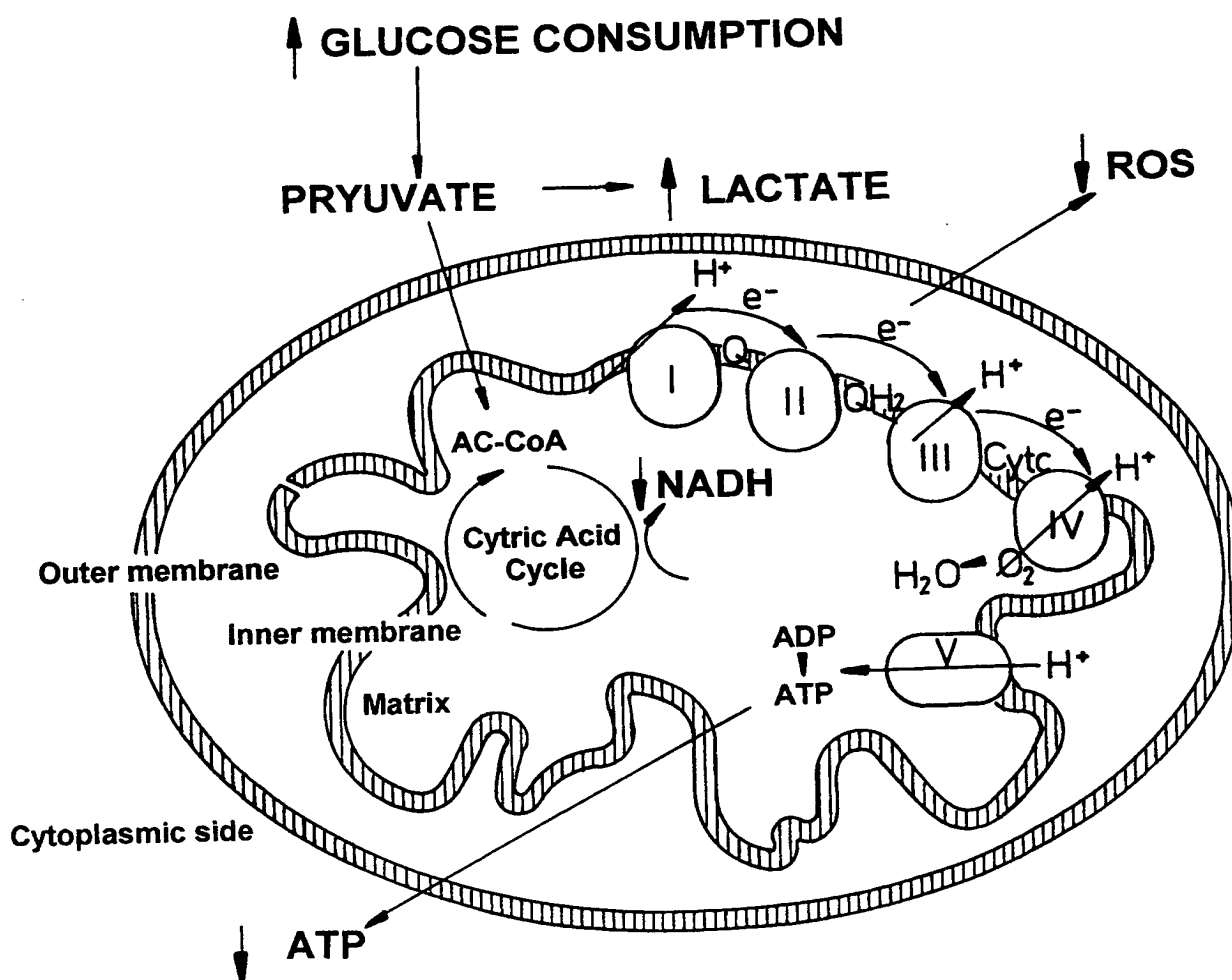


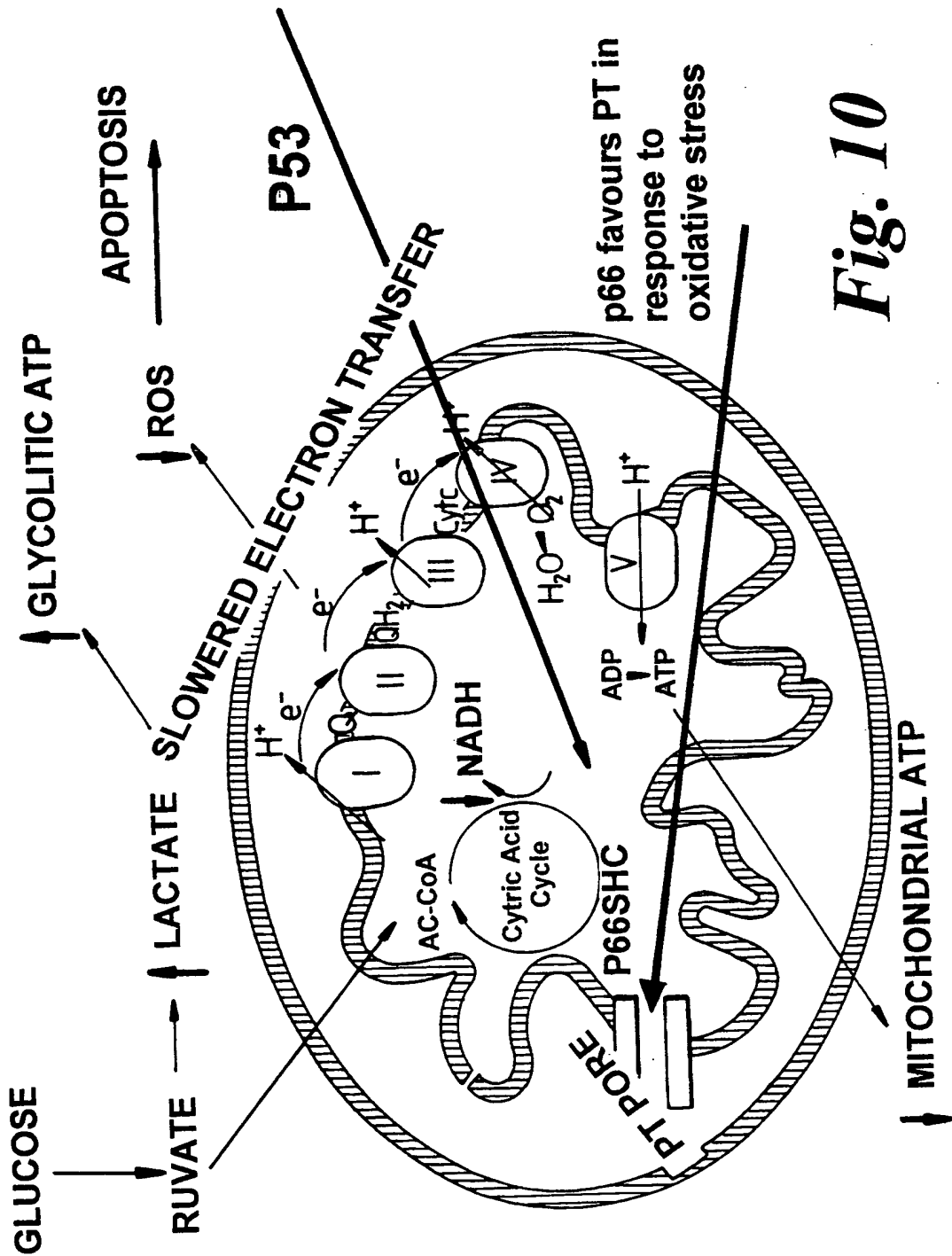
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Figure 8

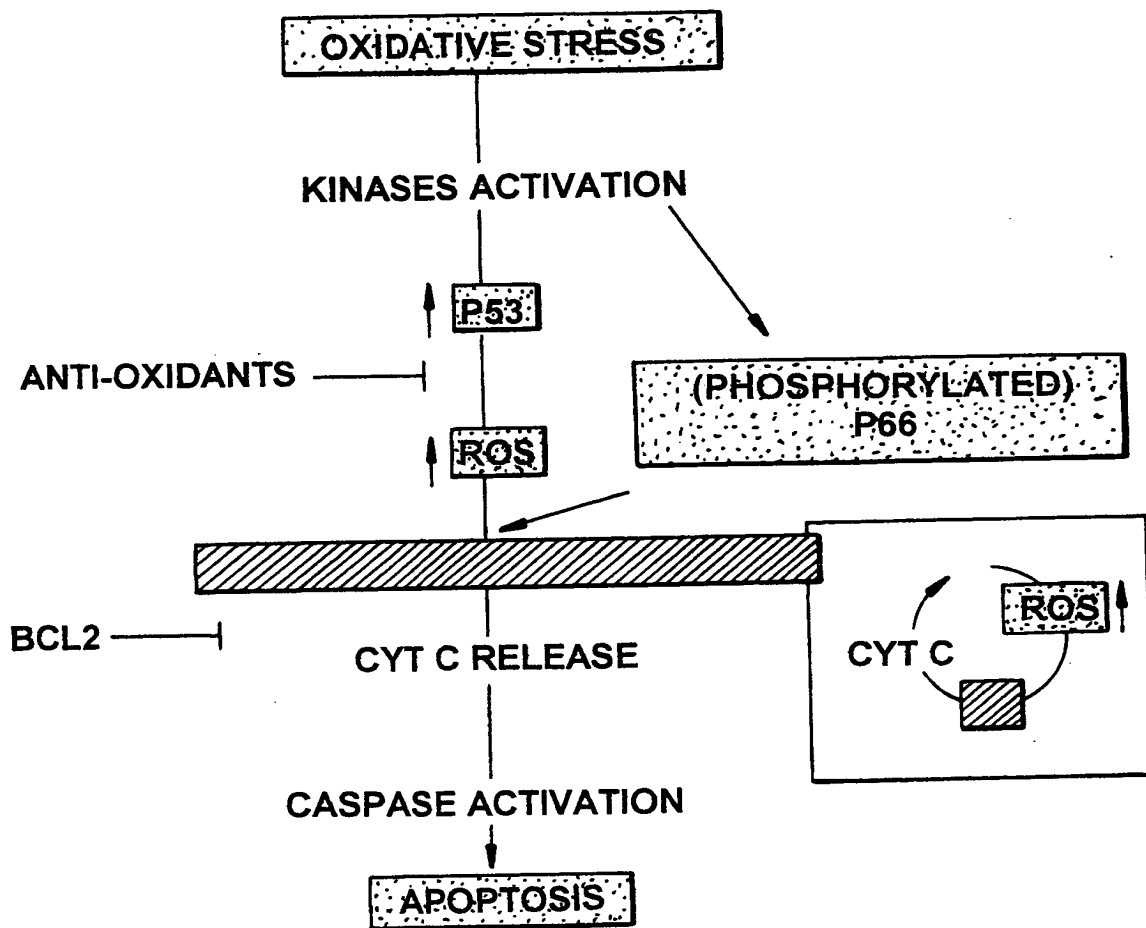


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*Fig. 9*



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*Fig. 11*